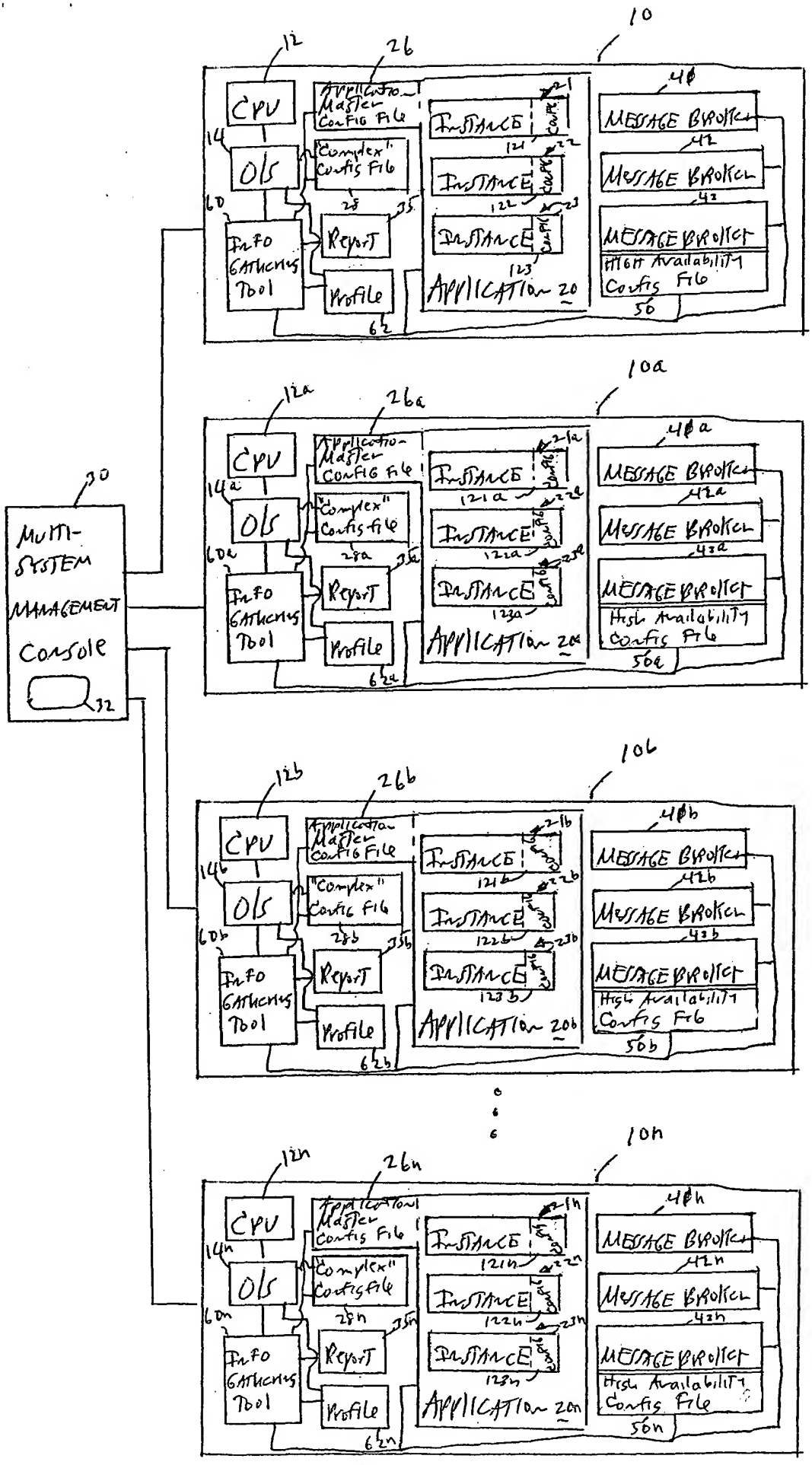
10
12
26
CPU
Application Master Config File
14
OS
"Complex" Config File
60
Info Gathering Tool
Report
Profile
62
Instance
Instance
Instance
Application 20
40
Message Broker
42
Message Broker
42
Message Broker
High Availability Config File
50
10a
12a
26a
14a
60a
62a
Application Master Config File
"Complex" Config File
Info Gathering Tool
Report
Profile
Instance
Instance
Instance
Application 20a
40a
Message Broker
42a
Message Broker
42a
Message Broker
High Availability Config File
50a
30
Multi-System Management Console
32
10b
12b
26b
14b
60b
62b
Application Master Config File
"Complex" Config File
Info Gathering Tool
Report
Profile
Instance
Instance
Instance
Application 20b
40b
Message Broker
42b
Message Broker
42b
Message Broker
High Availability Config File
50b
10n
12n
26n
14n
60n
62n
Application Master Config File
"Complex" Config File
Info Gathering Tool
Report
Profile
Instance
Instance
Instance
Application 20n
40n
Message Broker
42n
Message Broker
42n
Message Broker
High Availability Config File
50n

FIG 1

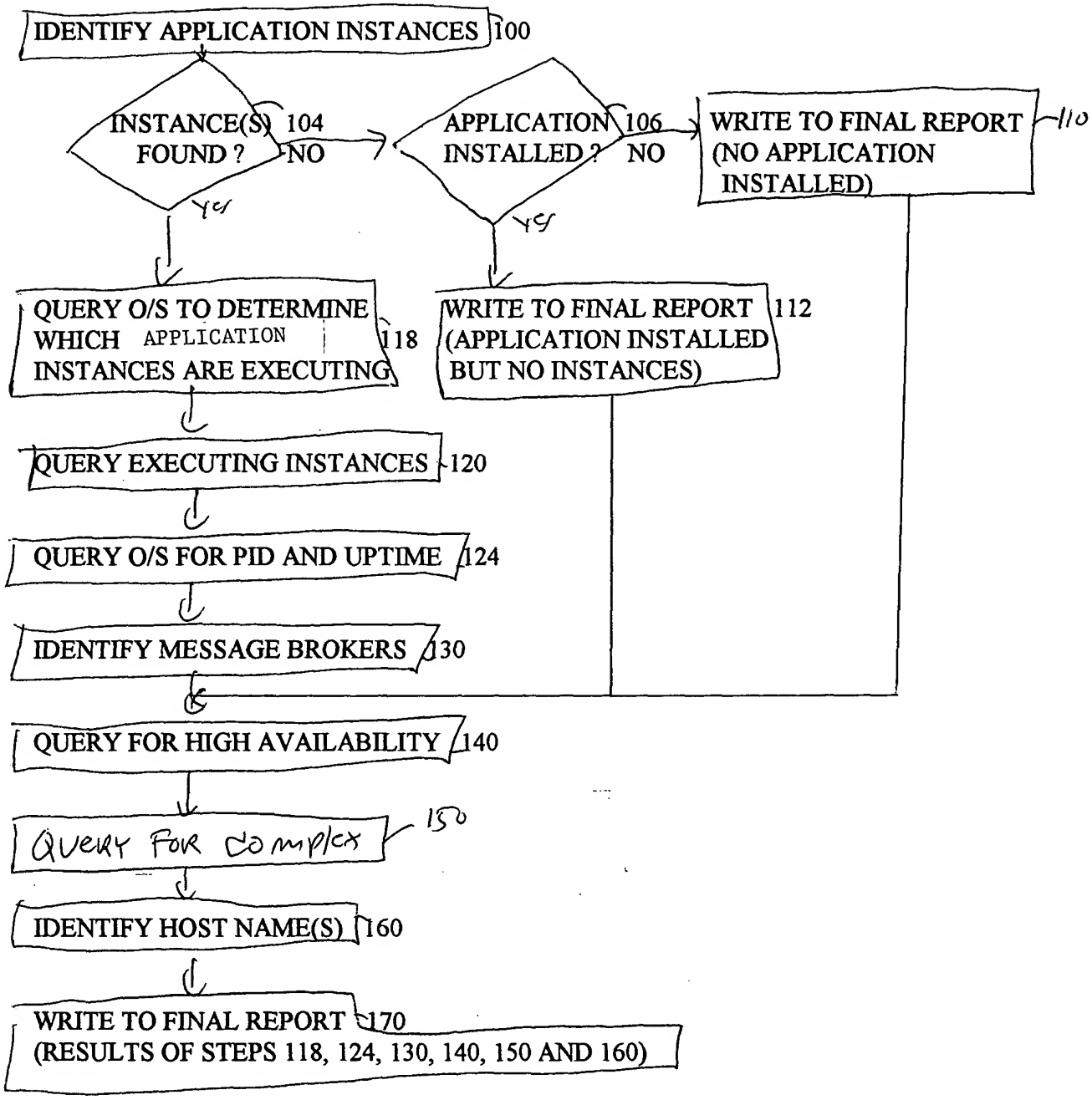
IDENTIFY APPLICATION INSTANCES
100
INSTANCE(S) FOUND ?
104
NO
Yes
APPLICATION INSTALLED ?
106
NO
Yes
WRITE TO FINAL REPORT (NO APPLICATION INSTALLED)
110
QUERY O/S TO DETERMINE WHICH APPLICATION INSTANCES ARE EXECUTING
118
WRITE TO FINAL REPORT (APPLICATION INSTALLED BUT NO INSTANCES)
112
QUERY EXECUTING INSTANCES
120
QUERY O/S FOR PID AND UPTIME
124
IDENTIFY MESSAGE BROKERS
130
QUERY FOR HIGH AVAILABILITY
140
Query For Complex
150
IDENTIFY HOST NAME(S)
160
WRITE TO FINAL REPORT (RESULTS OF STEPS 118, 124, 130, 140, 150 AND 160)
170

FIGURE 2

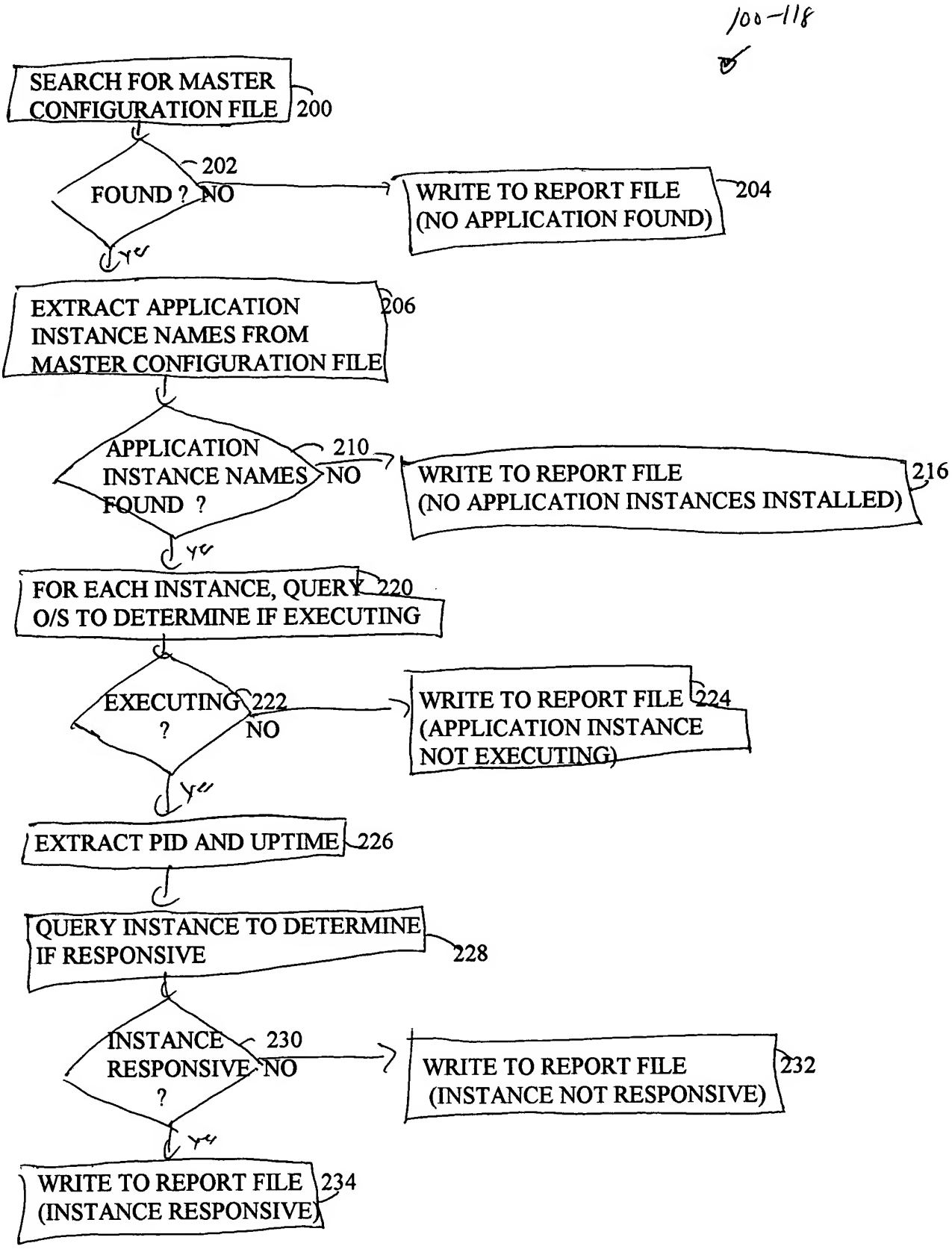
100-118
SEARCH FOR MASTER CONFIGURATION FILE
200
FOUND ?
202
NO
WRITE TO REPORT FILE (NO APPLICATION FOUND)
204
Yes
EXTRACT APPLICATION INSTANCE NAMES FROM MASTER CONFIGURATION FILE
206
APPLICATION INSTANCE NAMES FOUND ?
210
NO
WRITE TO REPORT FILE (NO APPLICATION INSTANCES INSTALLED)
216
Yes
FOR EACH INSTANCE, QUERY O/S TO DETERMINE IF EXECUTING
220
EXECUTING ?
222
NO
WRITE TO REPORT FILE (APPLICATION INSTANCE NOT EXECUTING)
224
Yes
EXTRACT PID AND UPTIME
226
QUERY INSTANCE TO DETERMINE IF RESPONSIVE
228
INSTANCE RESPONSIVE ?
230
NO
WRITE TO REPORT FILE (INSTANCE NOT RESPONSIVE)
232
Yes
WRITE TO REPORT FILE (INSTANCE RESPONSIVE)
234

FIGURE 3

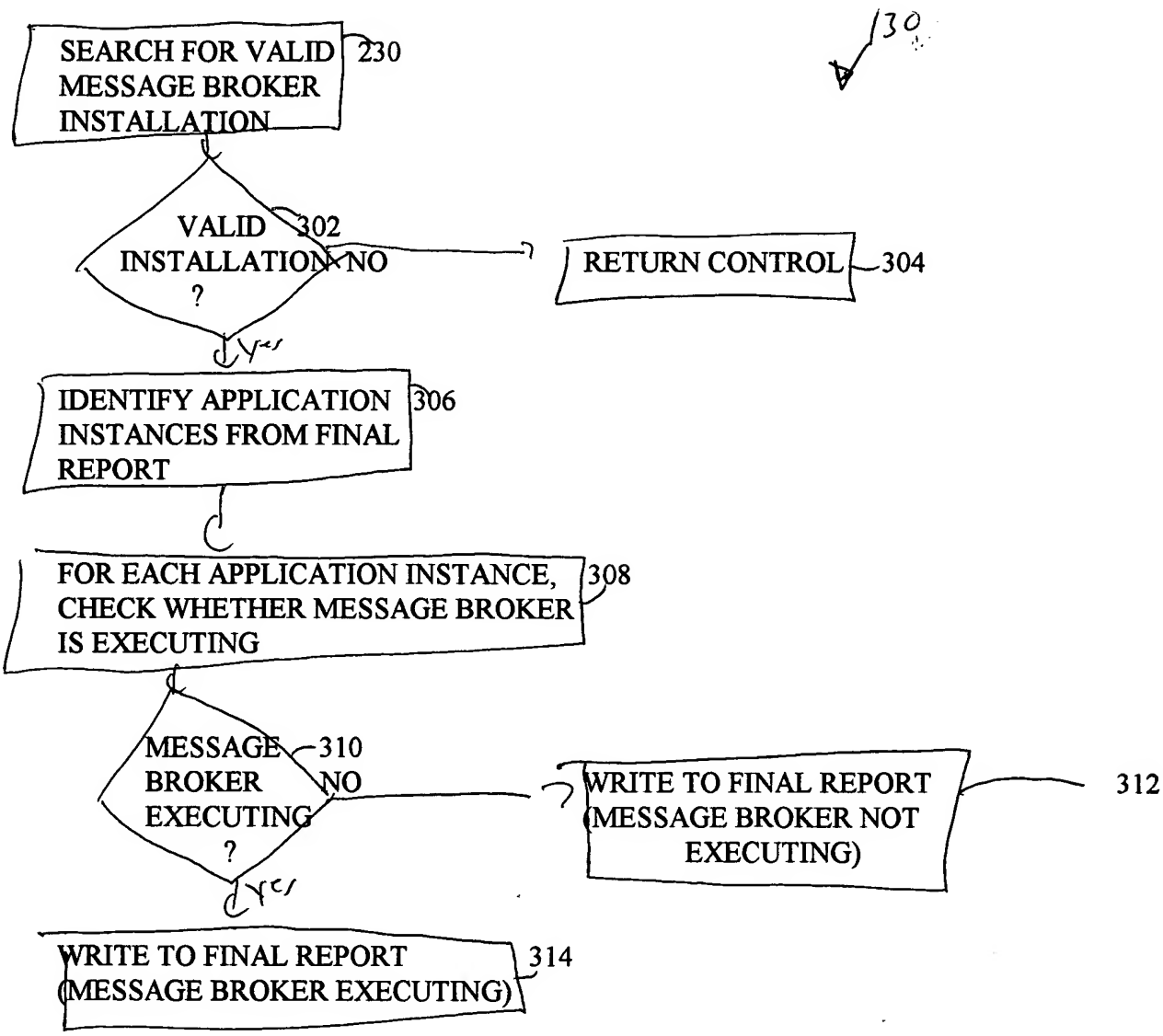
300
SEARCH FOR VALID MESSAGE BROKER INSTALLATION
230
VALID INSTALLATION ?
302
NO
RETURN CONTROL
304
Yes
IDENTIFY APPLICATION INSTANCES FROM FINAL REPORT
306
FOR EACH APPLICATION INSTANCE, CHECK WHETHER MESSAGE BROKER IS EXECUTING
308
MESSAGE BROKER EXECUTING ?
310
NO
WRITE TO FINAL REPORT (MESSAGE BROKER NOT EXECUTING)
312
Yes
WRITE TO FINAL REPORT (MESSAGE BROKER EXECUTING)
314

FIGURE 4

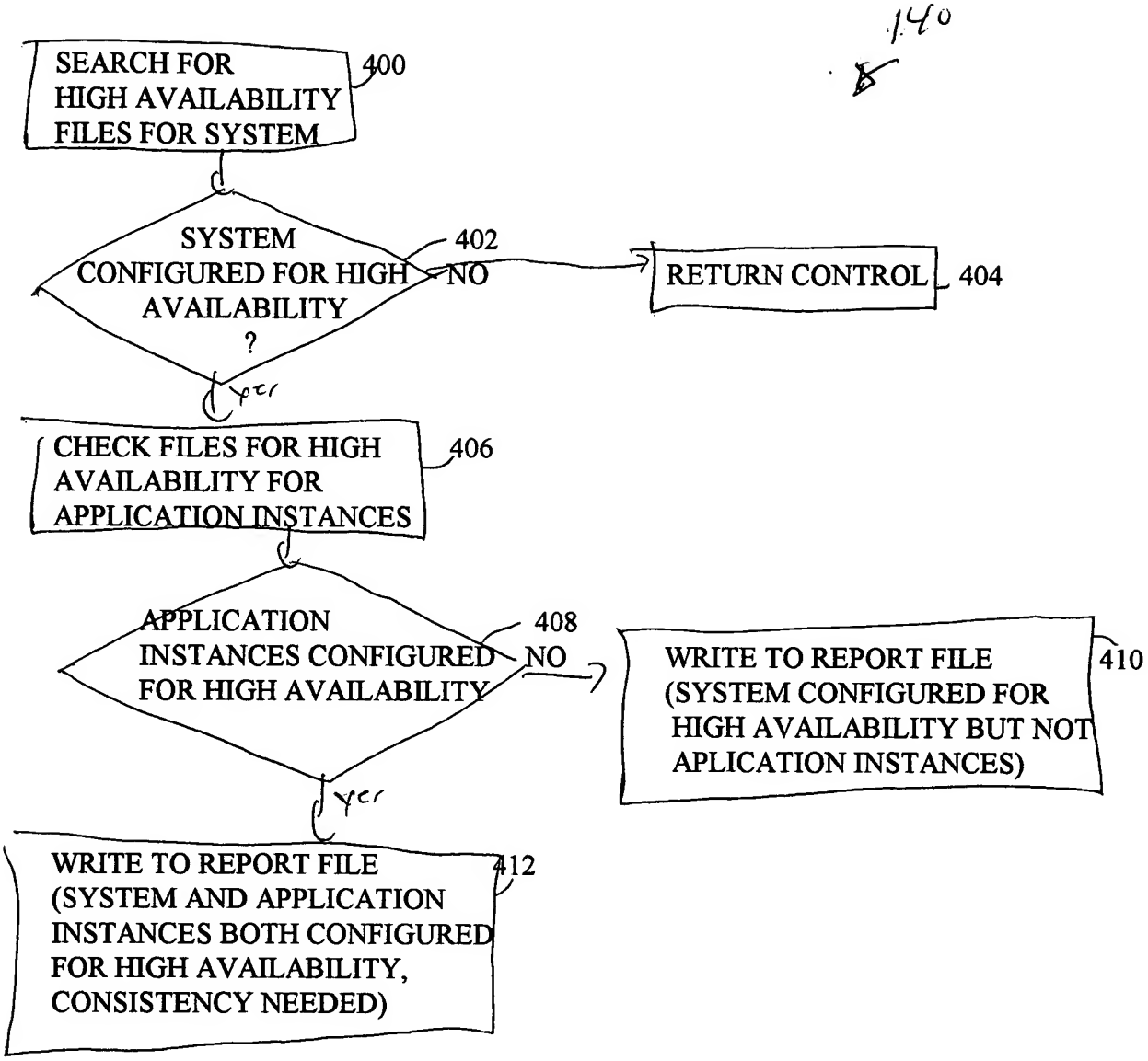
140
SEARCH FOR HIGH AVAILABILITY FILES FOR SYSTEM
400
SYSTEM CONFIGURED FOR HIGH AVAILABILITY ?
402
NO
RETURN CONTROL
404
Yes
CHECK FILES FOR HIGH AVAILABILITY FOR APPLICATION INSTANCES
406
APPLICATION INSTANCES CONFIGURED FOR HIGH AVAILABILITY
408
NO
WRITE TO REPORT FILE (SYSTEM CONFIGURED FOR HIGH AVAILABILITY BUT NOT APLICATION INSTANCES)
410
Yes
WRITE TO REPORT FILE (SYSTEM AND APPLICATION INSTANCES BOTH CONFIGURED FOR HIGH AVAILABILITY, CONSISTENCY NEEDED)
412

FIGURE 5

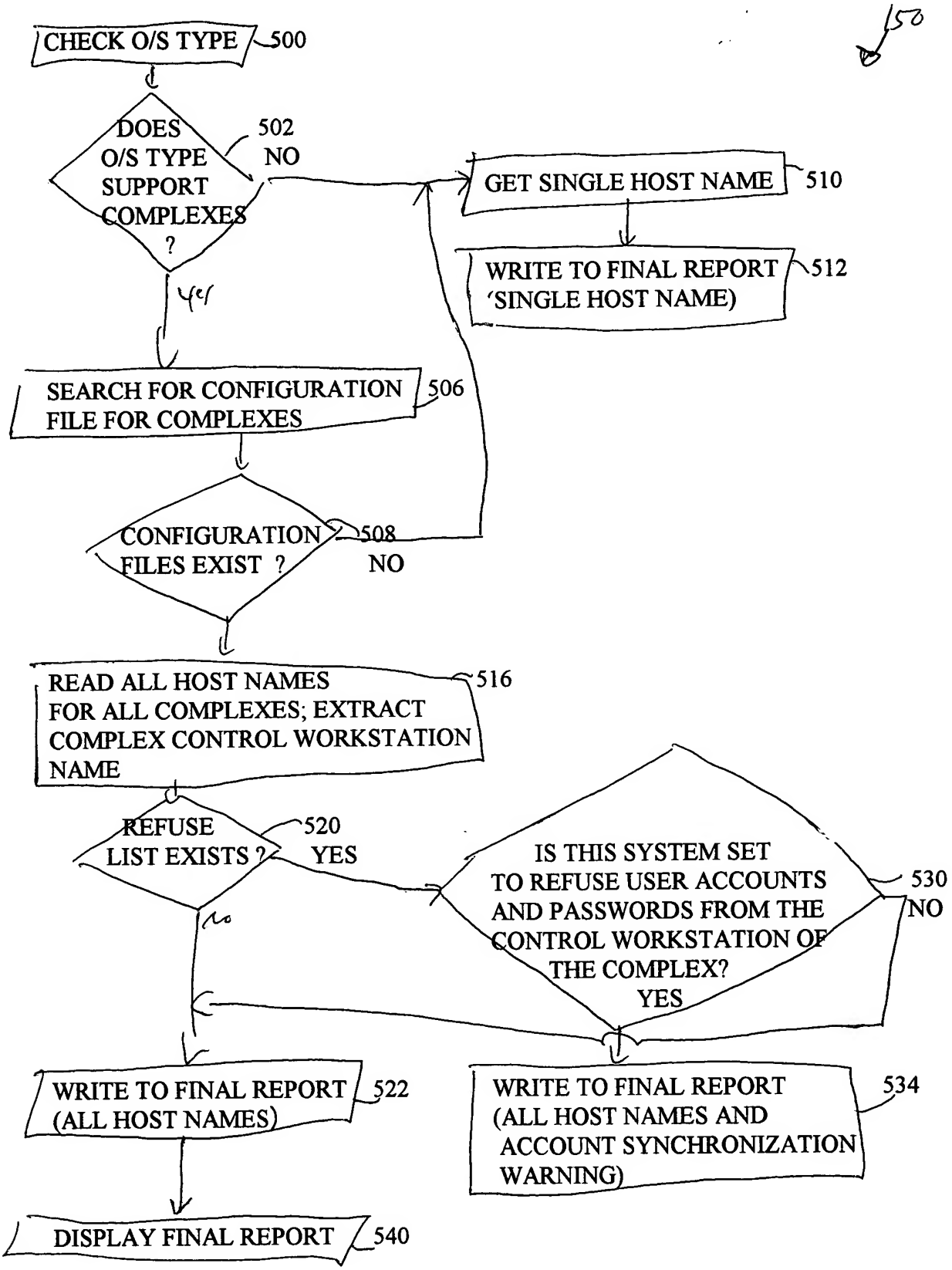
CHECK O/S TYPE
500
DOES O/S TYPE SUPPORT COMPLEXES ?
502
NO
YES
GET SINGLE HOST NAME
510
WRITE TO FINAL REPORT 'SINGLE HOST NAME)
512
SEARCH FOR CONFIGURATION FILE FOR COMPLEXES
506
CONFIGURATION FILES EXIST ?
508
NO
READ ALL HOST NAMES FOR ALL COMPLEXES; EXTRACT COMPLEX CONTROL WORKSTATION NAME
516
REFUSE LIST EXISTS ?
520
YES
NO
IS THIS SYSTEM SET TO REFUSE USER ACCOUNTS AND PASSWORDS FROM THE CONTROL WORKSTATION OF THE COMPLEX?
530
YES
NO
WRITE TO FINAL REPORT (ALL HOST NAMES)
522
WRITE TO FINAL REPORT (ALL HOST NAMES AND ACCOUNT SYNCHRONIZATION WARNING)
534
DISPLAY FINAL REPORT
540

FIGURE 6

DISPLAY SCREEN INFORMATION WINDOW:

EXECUTING MQTOOLS STANDARD PROFILE (V1.0.5)

QUEUE MANAGER	STATUS	MAIN PID	UPTIME (DD-HH:MM:SS)
D03MQ101	UP	21944	62-21:10:19
D03MQ102	DOWN		
ALL QMGRS:	NOT RUNNING		

MQSERIES MESSAGE BROKER FOR QUEUE MANAGER D03MQ101 RUNNING.

HIGH AVAILABILITY CLUSTER: THIS SERVER APPEARS TO BE CONFIGURED FOR HIGHLY AVAILABILITY CLUSTERS. MQSERIES CONFIG CHANGES (NOT DATA CHANGES) NEED TO BE PROPAGATED TO BOTH THE PRIMARY AND BACKUP NODES.

HOSTNAMES ASSOCIATED WITH THIS NODE:

D03MQ101
D03HA101B1_STBY
B305U22

COMPLEX: THIS SERVER APPEARS TO BE IN A SUPER PARALLEL COMPLEX, AND HOME DIRECTORIES, IDS, AND PASSWORDS, ARE SHARED ACROSS ALL SERVERS IN THE COMPLEX. THE CONTROL WORKSTATION IS <SACWSB>.

THIS IS THE GWA BLUE ZONE COMPLEX; THIS IS A PRODUCTION SERVER.

FIGURE 7